

# ClearSCADA 2010 R2 New Features

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## Schneider Electric rebrand

ClearSCADA 2010 R2 has been rebranded under Schneider Electric. This includes icons, splash screens through the location of disk files and settings.

## Performance and scalability improvements

A significant effort has been made to improve server performance in ClearSCADA 2010 R2, which has shown some drastic improvements.

Large databases show the following improvements:

- Conversion time reduced from Minutes to under 1 second
- Object deletion time reduced from Minutes to a few seconds
- Full integrity check time reduced from hours to under 1 minute

As a result, the recommended maximum database has size been increased from 450,000 to 900,000 objects.

## Worked with security partners to identify and improve security

Contributors to ClearSCADA security include:

- Digital Bond
- Jeremy Brown
- National Grid UK

## New Water Industry Telemetry Standard driver

Water Industry Telemetry Standard (WITS) is a DNP3-based standard for telemetry water applications.

## New Autosol ACM driver

This driver interacts with the Autosol communications manager, which in turn communicates with a variety of EFM devices in the field monitoring gas flow.

## Conformance tested DNP3 slave driver

The Triangle Microworks DNP3 test harness has been used to improve the conformance of the DNP3 slave driver.

## Update E Series RTU driver to sync with new RTU features

Support has been added to support new features in the 7.82 firmware version.

## Improved SVG import

The SVG import now supports `<tspan>` elements, which significantly improves the appearance of imported text elements.